

CLAIMS:

Sub 1. A method of manufacturing a magnetic head having a head face and including a magnetic coil which extends parallel to the head face, in which method the magnetic coil is formed at a first side of a first substrate, whereafter the first substrate provided with the magnetic coil is adhered with its first side to a side of a second substrate, whereafter material of the first substrate is removed from a second side of the first substrate, which second side is turned away from the first side, to form the head face.

2. A method as claimed in Claim 1, wherein a substrate of silicon provided with a top layer of an insulating material is used as the first substrate, the top layer being adjacent to the first side.

3. A method as claimed in Claim 2, wherein after a step involving the forming of a layer of a metal on the first substrate, at least one further step involving the forming of a layer of a non-conducting material and the forming of a further layer of a metal and the forming of interconnections between two neighboring layers of metal is performed to create the magnetic coil.

4. A method as claimed in Claim 1, wherein a substrate of a glass material is used as the second substrate.

5. A method of manufacturing a slider having an air bearing surface and including a planar magnetic coil which extends parallel to the air bearing surface, in which method the magnetic coil is formed at a first side of a first substrate, whereafter the first substrate is adhered with its first side to a side of a second substrate, whereafter material of the first substrate is removed from a second side of the first substrate, which second side is turned away from the first side, in order to form a face, whereafter this face is structured to form the air bearing surface.

6. A method as claimed in Claim 5, wherein on a silicon substrate a top layer of an insulation material is provided in order to form the first substrate, the top layer being adjacent to the first side, wherein a substrate of glass is used as the second substrate, and wherein the silicon substrate is removed after adhering of the first substrate to the second substrate.

7. A method as claimed in Claim 5, wherein during forming of the magnetic coil a metallic layer is formed beside the magnetic coil, which metallic layer is at least partly removed to form a recess during structuring of the face to form the air bearing surface.

8. A method as claimed in Claim 5, wherein during forming of the magnetic coil a heat sink layer is formed beside the magnetic coil in the making.

9. A method as claimed in Claim 5, wherein a stack of interconnected coil layers is formed to create the magnetic coil.

10. A slider manufactured by the method as claimed in the Claims 5 to 9.

11. A slider as claimed in Claim 10, wherein the top layer forms a protective layer for the slider.

12. A system for magnetically or magneto-optically recording information into a storage medium, the system including the slider as claimed in Claim 10.

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